

NEBRASKA WEATHER & CROPS

For Week Ending August 8, 1993

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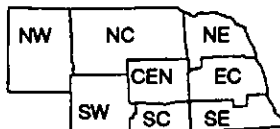
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National Agricultural Statistics Service
U.S. Department of Agriculture
and U.S. Department of Commerce
National Oceanic and Atmospheric Admin.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources-UN-L

WEATHER

Temperatures for the week averaged seven to eleven degrees below normals. Scattered precipitation occurred throughout the week with amounts varying from a tenth of an inch in the east up to 1.57 inches in the southwest.

GENERAL

Improved weather conditions this past week allowed good small grain harvest progress as well as better row crop growing conditions, according to the Nebraska Agricultural Statistics Service. Even with the improved crop conditions, producers continue to be concerned about growing degree days until the first killing frost. Other producer activities included hay harvest, weed control, and some crop irrigating. Producers continue to weigh options in deciding what to do with crops on storm-damaged acres. Additional dry, warmer weather is needed for proper crop growth and development.

CROPS

Winter wheat harvest made excellent progress last week with the more favorable weather conditions. As of Sunday, 91% had been combined. This compares with 90% last year and 99% for the 5-year average. Wheat delivered to grain elevators has varied from excellent quality to some poor enough to be rejected.

Corn condition was rated at 78% good or excellent for dryland fields and 67% good or excellent for irrigated fields. Much of the corn in the wind-damaged areas was on

CROPS (Cont.)

irrigated land. Sunny weather this past week did improve the overall condition and provide good growing conditions, but the crop remained about a week and a half behind normal.

Soybean condition was rated at 2% poor, 32% fair, 65% good, and 1% excellent. Chemical and mechanical weed control activities were active. Blooming and pod set were also about 10 days behind normal.

Sorghum condition was rated at 16% poor, 41% fair, 41% good, and 2% excellent. The cool, damp weather conditions have held back crop development, but last week the crop headed out at a rapid pace and at week's end 18% was headed. This is about two weeks behind normal. Drier, warmer weather remains a necessity.

Dry bean condition was rated at 4% poor, 21% fair and 75% good. As of Sunday, 84% had bloomed with 41% setting pods.

Alfalfa condition was rated at 4% poor, 25% fair, 62% good, and 9% excellent. Second cutting activities made good progress with some hay cut and baled without being rained upon. Wild hay condition was rated at 1% poor, 21% fair, 47% good, and 31% excellent. Haying remained active.

LIVESTOCK

Pasture and range condition was rated at 103% of normal and compares with 100% of normal last year at this time. Pastures continued to provide excellent grazing for livestock except where pastures were damaged by hail or excess water. Feedlot mud problems were improving.

FIELD WORK PROGRESS AS OF AUGUST 8, 1993	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% wheat harvested	97	97	91	82	87	95	89	79	91	62	90	99
% oats harvested	44	86	90	84	80	88	64	76	83	36	77	94
% corn silked	49	73	78	87	88	97	83	89	84	61	92	96
% corn dough stage	4	12	5	13	19	17	13	10	13	4	22	35
% sorghum headed	0	26	6	1	20	28	20	17	18	0	31	55
% soybeans blooming	0	88	82	49	76	90	65	86	78	52	83	95
% soybeans setting pods	0	60	23	4	27	41	16	28	25	9	45	53
% dry beans blooming	83	89	41	48	0	90	100	0	84	39	n/a	n/a
% dry beans podded	43	67	34	3	0	37	30	0	41	3	n/a	n/a
% alfalfa second cutting	74	79	96	95	90	89	94	89	88	65	100	98
% alfalfa third cutting	1	1	3	3	3	11	25	6	4	0	18	n/a
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF AUGUST 6, 1993												
Days suitable	48	63	6.2	6.9	6.0	2.6	4.3	5.8	5.5	3.3	3.2	
Topsoil moisture - Short	8	17	0	0	5	0	0	0	3	3	4	
(Percent) - Adequate	92	83	100	100	65	33	50	67	75	41	48	
- Surplus	0	0	0	0	30	67	50	33	22	56	48	
Subsoil moisture - Short	0	0	0	0	0	0	0	0	0	2	0	
(Percent) - Adequate	100	83	78	71	65	50	50	33	67	51	84	
- Surplus	0	17	22	29	35	50	50	67	33	47	16	

n/a - not available

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CROP MOISTURE

(SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE)

July 31, 1993

CROP MOISTURE.
DEPicts SHORT TERM (UP TO ABOUT 4 WEEKS)
ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE. RESPONDS RAPIDLY. CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.

USES: APPLICABLE IN MEASURING THE SHORT TERM WEEK-TO-WEEK STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS.

LIMITATIONS: MAY NOT BE APPLICABLE TO GERMINATING AND YOUNG ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSURF MOISTURE FROM A 5 FOOT PROFILE OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 59°F. IT IS NOT GENERALLY INDICATIVE OF THE LONG TERM (MONTHS - YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED.

NOAA/USA JOINT AGRICULTURAL WEATHER FACILITY

Based on preliminary report

[illegible]

**TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,
WEEK ENDING SUNDAY, AUGUST 8, 1993**

1/ Precipitation totals not included in map above. * Automated weather station. ** North Platte Experiment Station

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.